

Converting Colors

YUV(230.7630, -61.0152,
16.8708)

Have a look what the booklet for
YUV(230.7630, -61.0152, 16.8708)
contains.

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Color

**YUV(230.7630, -61.0152,
16.8708)**

Conversions

Conversions Part 1

Format	Color
Hex	FAF56B
RGB	250, 245, 107
RGB Percent	98%, 96%, 42%
CMY	0.0196, 0.0392, 0.5804
CMYK	0.00, 0.02, 0.57, 0.02
HSL	58°, 93%, 70%
HSV	58°, 57%, 98%
XYZ	74.7306, 86.6903, 26.7041
YIQ	230.7630, 47.2780, -41.8580

Conversions

Conversions Part 2

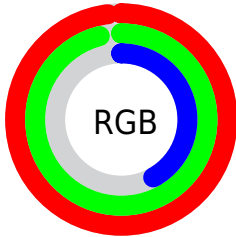
Format	Color
R_{YB}	112, 250, 107
Decimal	16446827
CIE _{Lab}	94.61, -15.27, 65.51
CIE _{LCh}	95, 67.267, 103.120
Yxy	86.6903, 0.3972, 0.4608
Android (android.graphics.Color)	4294636907 (0xFFFAF56B)
YUV	230.7630, -61.0152, 16.8708
Hunter-Lab	93.1077, -19.6697, 48.1705

Details

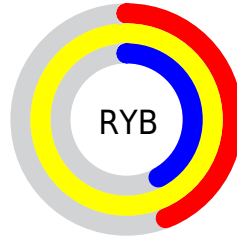
The YUV color $230.7630, -61.0152, 16.8708$ is a light color, and the websafe version is hex $FFFF66$. A complement of this color would be $126.2370, 61.0152, -16.8708$, and the grayscale version is $231.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $244.5120, -40.1854, 9.1980$, and $173.8660, -60.5729, 15.0265$ is the 20% darker color. If you saturate the color by 10%, you get $227.3260, -71.6457, 19.8851$, and if you desaturate by 10%, it is $234.2000, -50.3846, 13.8566$.

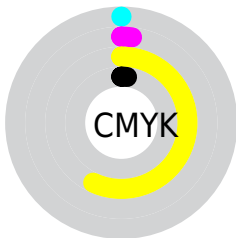
Distribution



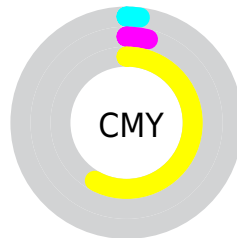
- Red (98%)
- Green (96%)
- Blue (42%)



- Red (44%)
- Yellow (98%)
- Blue (42%)



- Cyan (0%)
- Magenta (2%)
- Yellow (57%)
- Black (2%)



- Cyan (2%)
- Magenta (4%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 230.7630, -61.0152, 16.8708 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 230.7630, -61.0152, 16.8708 by changing the saturation by 10% instead.

230.7630,
-61.0152, 16.8708

230.7630,
-61.0152, 16.8708

255.0000, 0.0000,
0.0000

202.1650,
-60.7203, 15.6413

244.5120,
-40.1854, 9.1980

173.8660,
-60.5729, 15.0265

247.7040,
-27.9551, 6.3986

145.0140,
-65.0829, 14.8967

251.0100,
-15.2879, 3.4992

119.8980,
-59.1097, 12.3675

254.3160, -2.6208,
0.5999

96.8510, -47.7475,
8.0237

74.6900, -36.8222,
3.7799

52.5290, -25.8968,

-0.4639

■ 32.7270, -16.1344,
-5.0226

■ 13.5010, -6.6560,
-11.8404

■ 230.7630,
-61.0152, 16.8708

■ 230.7630,
-61.0152, 16.8708

■ 227.3260,
-71.6457, 19.8851

■ 234.2000,
-50.3846, 13.8566

■ 223.8890,
-82.2763, 22.8993

■ 237.6370,
-39.7540, 10.8424

■ 220.4520,
-92.9068, 25.9136

■ 241.0740,
-29.1235, 7.8281

■ 217.6020,
-103.8268, 28.4130

■ 243.9240,
-18.2035, 5.3287

■ 216.2170,
-106.5950, 29.6277

■ 247.3610, -7.5730,
2.3144

■ 250.5700, 2.1840,
-0.4999

■ 251.1570, 1.8946,
-1.0147

■ 251.7440, 1.6052,
-1.5295

■ 252.3310, 1.3158,
-2.0443

Harmonies

Analogous

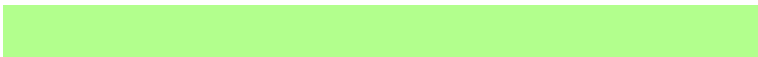
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



220.0280, -52.7648, 30.6704



230.7630, -61.0152, 16.8708



218.9810, -38.4446, -35.9403

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



230.7630, -61.0152, 16.8708



178.7550, 37.5888, -156.7681



216.2580, 19.0998, 33.9767

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



230.7630, -61.0152, 16.8708



126.2370, 61.0152, -16.8708

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



229.1720, 12.7332, 22.6512



230.7630, -61.0152, 16.8708



178.7550, 37.5888, -156.7681

Square

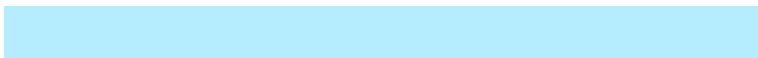
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



230.7630, -61.0152, 16.8708



178.7550, 37.5888, -156.7681



222.3080, 16.1172, -36.2271



208.5350, 2.2012, 40.7498

Rectangle

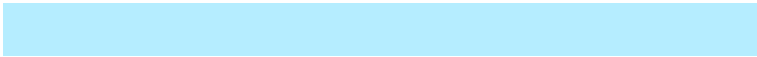
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



230.7630, -61.0152, 16.8708



204.3620, -12.9965, -78.3705



222.3080, 16.1172, -36.2271



219.7800, 17.3635, 30.8879

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



230.7630, -61.0152, 16.8708



248.9240, -18.2035, 5.3287



150.5550, -18.0216, 87.2133



124.4490, -11.0674, 3.1142



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



230.7630, -61.0152, 16.8708



231.4140, -75.1401, 20.6849



214.5620, -53.0281, -25.0489



123.5180, -5.6784, 1.2997



163.3450, -80.5291, 22.4994



52.8720, -26.0659, 7.1283

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



126.2370, 61.0152, -16.8708



102.5860, 75.1401, -20.6849



142.4380, 53.0281, 25.0489



114.0690, 5.3890, -1.8145



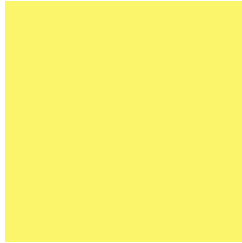
25.6550, 80.5291, -22.4994



8.1280, 26.0659, -7.1283

Previews

White Background



This preview shows how the YUV color 230.7630, -61.0152, 16.8708 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 230.7630, -61.0152, 16.8708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

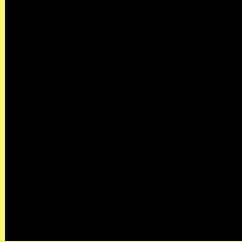
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 230.7630, -61.0152, 16.8708

Background



This preview shows how black text looks on a background with the YUV color 230.7630, -61.0152, 16.8708.

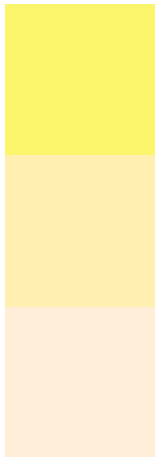


This preview shows how white text looks on a background with the YUV color 230.7630, -61.0152, 16.8708.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

230.7630, -61.0152, 16.8708

Protanopia

237.4170, -29.2926, 15.4203

Deuteranopia

239.9880, -11.8261, 13.1655



Tritanopia

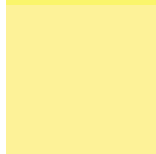
241.5330, 1.7092, 11.8106

Trichromacy



Original Color

230.7630, -61.0152, 16.8708



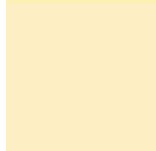
Protanomaly

235.0290, -40.9333, 15.7606



Deuteranomaly

236.5910, -29.8714, 14.3907



Tritanomaly

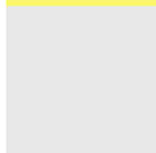
237.5830, -20.9934, 13.5207

Monochromacy



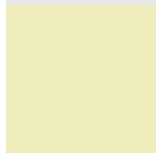
Original Color

230.7630, -61.0152, 16.8708



Achromatopsia

231.0000, 0.0000, 0.0000



Achromatomaly

230.8980, -22.1347, 6.2285

CSS Examples

Text

The CSS property to change the color of the text to YUV 230.7630, -61.0152, 16.8708 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(250, 245, 107)` looks like.

```
.text, #text, p{  
    color:rgb(250, 245, 107)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(250, 245, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 245, 107) }
```

Border

The CSS property to change the border of an element to YUV 230.7630, -61.0152, 16.8708 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(250, 245, 107) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(250, 245, 107) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(250, 245, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 245, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 245, 107);  
box-shadow:4px 4px 4px 4px rgb(250, 245,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 230.7630, -61.0152, 16.8708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 245, 107) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(250,  
245, 107) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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